

17.8 FX Lifecycle Requirements

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This section identifies the normative requirements established for the FX Transaction and Contract Lifecycle Model within the FX Demo Logical Profile. The canonical requirement statements are maintained in [Annex D: Requirements, Part 3, Section 17.8](#).

Table 17-7: FX lifecycle requirements.

Requirement ID	Statement
P3-REQ-17-8-001	The FX Demo Logical Profile SHALL define an FX Transaction and Contract Lifecycle Model.
P3-REQ-17-8-002	The FX Transaction and Contract Lifecycle Model SHALL distinguish candidate transaction information, validated transaction information, semantically interpreted transaction information, contract state, computed cash-flow obligations, policy release state, and audit/provenance records.
P3-REQ-17-8-003	FX Transaction Lifecycle States SHALL identify the logical processing condition of FX transaction information during intake, validation, semantic interpretation, contract state processing, cash-flow computation, release evaluation, audit, provenance, replay, and reconstruction.
P3-REQ-17-8-004	FX Contract State Transitions SHALL identify prior state, target state, triggering information, responsible FX logical Node or Node Role, applicable rule or interpretation context, timestamp, and provenance reference.
P3-REQ-17-8-005	Validation-controlled transitions SHALL depend on FX Validation Results.
P3-REQ-17-8-006	Interpretation-controlled transitions SHALL depend on FX Semantic Assertions.
P3-REQ-17-8-007	Cash-flow computation triggers SHALL identify the logical conditions that initiate computation of FX Cash-Flow Obligations.
P3-REQ-17-8-008	Policy and release state considerations SHALL identify the logical conditions that govern external release of FX information.
P3-REQ-17-8-009	Audit and provenance state records SHALL preserve the logical history of FX lifecycle processing.
P3-REQ-17-8-010	The FX Transaction and Contract Lifecycle Model SHALL NOT prescribe a state-machine implementation, workflow engine, database status field, event store, rules engine, orchestration mechanism, API, DDS topic, REST resource, or runtime persistence mechanism.

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